



501.42842X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: ASUMA et al
Serial No.: 10/625,722
Filed: July 24, 2003
For: Liquid Crystal Display Device
Group: 2871
Examiner: D. Nguyen

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop: DD
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 2, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

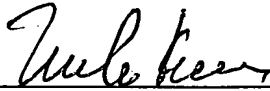
To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version abstract or US equivalent counterpart application of the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 501.42842X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

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Attachments

FORM PTO-1449
(Rev. 4/92)U.S. Department of Commerce
Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

DEC 02 2004

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10/625,722

APPLICANT

ASUMA et al

FILING DATE

July 24, 2003

GROUP

2871

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 8 4 7 7 8 1	12/98	Ono			
	5 0 6 2 6 9 0	11/91	Whetten			
2002	0 0 5 0 9 6 7	5/02	Hashimoto et al			
	6 4 2 9 9 0 7	8/02	Park			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
4 3 1 8 5 2 2	10/92	Japan			
9 3 3 9 5 1	2/97	Japan			
5 1 4 2 5 7 0	6/93	Japan			
2002 1 6 2 6 4 4	6/02	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.